### APPENDIX B Decision and Notification Process

The decision and notification process is illustrated in Figs. B-1, B-2, and B-3. The typical timing of pre-flight activities is provided in Fig. B-4. The decision and notification process occurs in four steps:

- 1) A research mission is determined to be probable within 72 h by [FIELD PROGRAM DIRECTOR]. Consultation with PIs, [HRD DIRECTOR] and [AOC DESIGNEE] determines: flight platform availability, crew and equipment status, and the type of mission(s) likely to be requested.
- 2) [FIELD PROGRAM DIRECTOR], [HRD DIRECTOR] or their designee, and PIs of relevant experiments meet to discuss possible missions and operational modes. [HRD DIRECTOR] or their designee provides approval to proceed on the mission objectives and strategy, and deployment logistics (i.e., travel, crewing).
- 3) The PIs, HRD SCIENCE CREW, and other personnel (visitors, IFEX Collaborators) are notified of mission objectives, deployment logistics by [FIELD PROGRAM DIRECTOR]. HRD SCIENCE CREW and other personnel are to inform [HRD ADMINISTRATIVE] of travel plans.
- 4) Secondary personnel (i.e., visitors) are notified by their primary affiliate.

NOTE: Day "-3" requirements are not included below, but could be required for deployments to locations outside of the U.S., at the discretion of [AOC DESIGNEE]

## APPENDIX B Decision and Notification Process

\*\*Note: Time of briefings, conference calls, decisions, and deployments are dictated by timing limitations imposed by the AOC crew

Figure B-1. Decision and notification process for Day "-2"

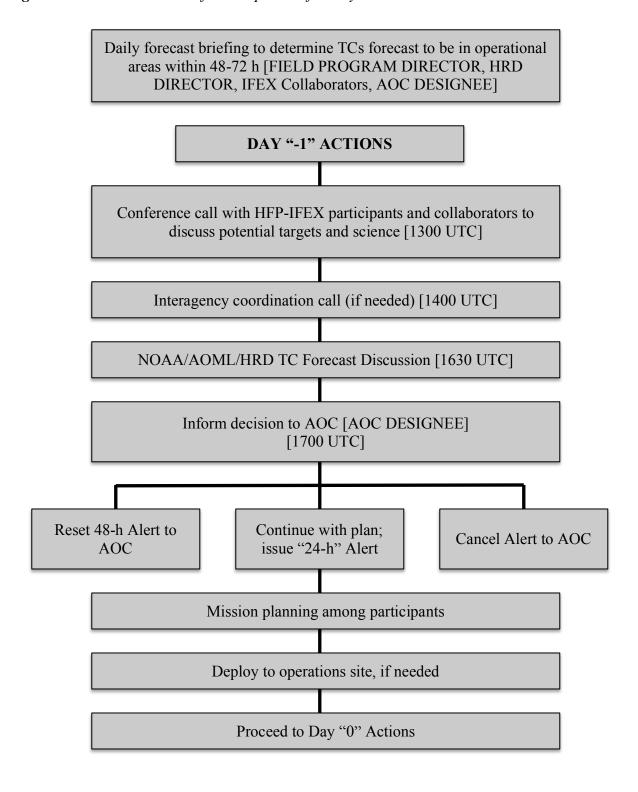
Daily forecast briefing to determine TCs forecast to be in operational areas within 48-72 h [FIELD PROGRAM DIRECTOR, HRD DIRECTOR, IFEX Collaborators, AOC DESIGNEE] **DAY "-2" ACTIONS** Conference call with HFP-IFEX participants and collaborators to discuss potential targets and science [1300 UTC] Interagency coordination call (if needed) [1400 UTC] NOAA/AOML/HRD TC Forecast Discussion [1630 UTC] Inform decision to AOC [AOC DESIGNEE] (Request Day "-1" Deployment, if necessary) [1700 UTC] Reset 72-h Alert to Continue with plan; Cancel Alert to AOC issue "48-h" Alert AOC

Proceed to Day "-1" Actions

## APPENDIX B Decision and Notification Process

\*\*Note: Time of briefings, conference calls, decisions, and deployments are dictated by timing limitations imposed by the AOC crew

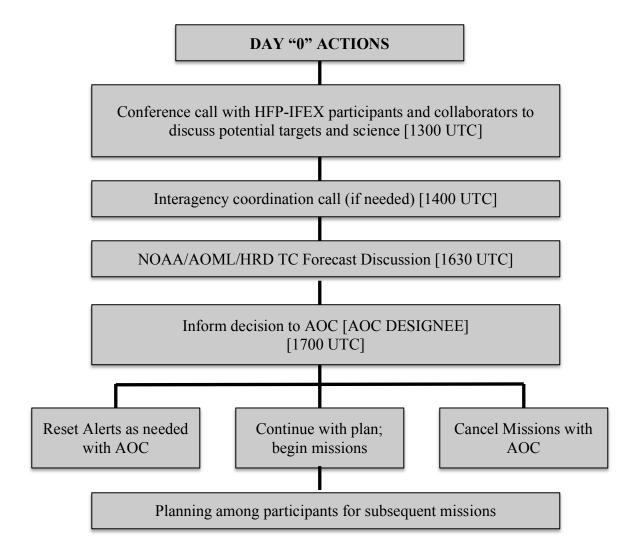
Figure B-2. Decision and notification process for Day "-1"



# APPENDIX B Decision and Notification Process

\*\*Note: Time of briefings, conference calls, decisions, and deployments are dictated by timing limitations imposed by the AOC crew

Figure B-3. Decision and notification process for Day "0"



## APPENDIX B Decision and Notification Process

\*\*Note: Time of briefings are dictated by timing limitations imposed by the AOC crew

Figure B-4. Typical timing of pre-flight activities

